

**In the drawings**

Please see attached substitute drawing of Figure 4b.

**In the specification**

**Please replace the abstract of the disclosure with the following rewritten paragraph:**

1

A portable handheld device for collecting and displaying golf round data. The data collected for each stroke includes the location, time and club used and the resulting ball position achieved. Locations on the golf course are determined by radiolocation. Data transfers between the handheld device and external storage are by direct connection or cellular telephone or some other wireless link. Before each drive or approach shot, player performance and course distance information are used to help the player choose the correct club. Putt break prediction is provided before putting strokes. Information that a stroke has been taken and which club was used can be entered manually by the player or sensed automatically from telemetry equipped golf clubs. Golf round data collected is used to produce play souvenirs, records and analyses. Any selected stroke in a round can also be replayed on a graphical display of the handheld device.

**Please replace the paragraph beginning on page 12, line 31 of the specification with the following rewritten paragraph:**

32

After each stroke on a hole the player moves to the ball's new location and the graphical display 11 changes as shown in Figure 4a. The display shows the portion of the golf course between the player's position 31 and the green 25. In the particular example shown in Figure 4a the player is in an adjacent fairway while playing hole number 3 shown on hole display 17, has 9 minutes remaining

23  
to complete the hole as shown on the time display 18, is 95 yards from the middle of the green as shown on the distance display 19, has chosen to use a nine iron as shown by the next club display 20, has a 50% probability that the ball will land within contour 33, and has previously used one stroke on the hole as shown on the stroke display 21.

**Please replace the paragraph beginning on page 13, line 7 of the specification with the following rewritten paragraph:**

23  
When the player reaches the green the display changes as shown in Figure 4b. Shown on the display are the edge of the green 24, the player's location 31, the cup 67, and a straight line 68, between the player and the cup. The contour of the green and the grain of the grass impose forces on the ball tending to slow or speed it and tending to make it break from the ideal straight line 68. Those forces pushing on the ball are displayed as lines 70 toward successive possible ball positions along line 68. The length of each line toward a ball position is proportional to the magnitude of the force at that position on the green. The direction of lines 70 indicate the direction of the force pressing on the ball at each position. In the particular example in Figure 4b the ball traveling along line 68 would experience a small accelerating force with a break toward the left at all places except at and immediately before and after position 69. At position 69 the ball experiences a retarding force and a significant break to the right due to a transition up a short incline to a higher level near the cup. The distance display 19 shows an estimate of the distance the putt will break left or right from a straight line between the player's position and the cup. In the particular example shown in Figure 4b the handheld unit has estimated from the green contour and position data that the putt will break 2 feet to the right.